

What is claimed is:

1. A clear paint for golf balls consisting of a base polymer and modified silicone oil, said modified silicone oil having two or more hydroxyl groups at one terminal end.

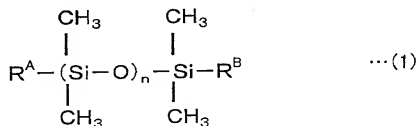
2. A clear paint for golf balls as claimed in claim 1, wherein the backbone chain of the modified silicone oil is polydimethylsiloxane.

3. A clear paint for golf balls as claimed in claim 1, wherein said paint contains a polyurethane resin as its base polymer.

4. A clear paint for golf balls as claimed in claim 3, wherein the polyurethane resin is obtained by reacting polyol and isocyanate with said modified silicone oil, and the ratio of the modified silicone oil is in a range from 0.01 to 2 parts by weight relative to 100 parts by weight of polyol.

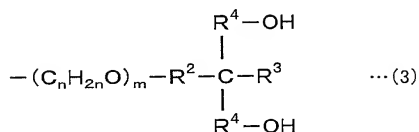
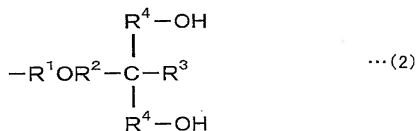
5. A clear paint for golf balls as claimed in claim 1, wherein the modified silicone oil has a molecular weight from 500 to 50000, viscosity at a room temperature from 1 to 50000 mm²/s, and a hydroxyl value from 5 to 150 mg-KOH/g.

6. A clear paint for golf balls as claimed in claim 1, wherein the modified silicone oil has the following general formula (1):



wherein R^A is a non-reactive alkyl group, and R^B is a functional group having two or more hydroxyl groups.

7. A clear paint for golf balls as claimed in claim 6, wherein the alkyl group represented by R^A is a methyl group or a butyl group, and R^B has one of the following general formulas (2) and (3):



wherein, R¹, R², R⁴ are alkylene groups having 1 to 10 carbon atoms, and R³ is hydrogen or an alkyl group having 1 to 10 carbon atoms.

8. A clear paint for golf balls as claimed in claim 1 further containing a solvent.

9. A clear paint for golf balls as claimed in claim 8, wherein said solvent is at least one of methyl ethyl ketone and methyl isobutyl ketone.

10. A golf ball having a surface, wherein the surface is coated with the clear paint for golf balls as claimed in claim 1.

11. A clear paint for golf balls consisting of a base polymer and a graft polymer.

12. A clear paint for golf balls as claimed in claim 11, wherein said graft polymer is a comb polymer of which backbone polymer is composed of an acrylic resin and branched polymers are composed of

polyorganosiloxane.

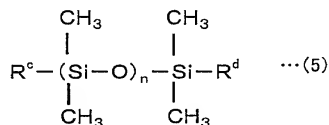
13. A clear paint for golf balls as claimed in claim 12, wherein the acrylic resin has at least one hydroxyl group at a terminal end or a branch.

14. A clear paint for golf balls as claimed in claim 12, wherein the backbone chain of the polyorganosiloxane is polydimethylsiloxane.

15. A clear paint for golf balls as claimed in claim 11, containing a polyurethane resin as its base polymer.

16. A clear paint for golf balls as claimed in claim 15, wherein the polyurethane resin is a polyurethane resin which is obtained by reacting polyol and isocyanate with said graft polymer and wherein the ratio of the graft polymer is in a range from 0.01 to 10 parts by weight relative to 100 parts by weight of polyol.

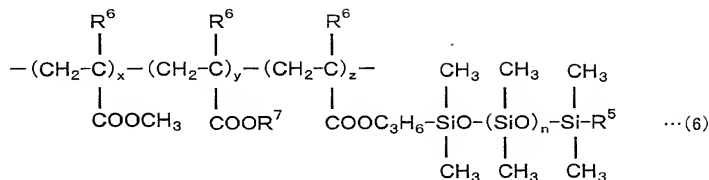
17. A clear paint for golf balls as claimed in claim 12, wherein the comb polymer is obtained by radical copolymerization of a macromonomer represented by the following general formula (5) with an acrylic monomer:



wherein R^c represents a non-reactive alkyl group, and R^d represents a functional group having double bonded portion.

18. A clear paint for golf balls as claimed in claim 17, wherein the comb polymer is a silicone graft acrylic resin represented by the

following general formula (6):



wherein R⁵-R⁷ are as follows:

R⁵: a methyl group, a n-butyl group

R⁶: H, a methyl group

R⁷: any other alkyl group or an alkyl group containing a functional group.

19. A clear paint for golf balls as claimed in claim 11 further containing a solvent.

20. A clear paint for golf balls as claimed in claim 19, wherein said solvent is at least one of methyl ethyl ketone and methyl isobutyl ketone.

21. A golf ball having a surface, wherein said surface is coated with the clear paint for golf balls as claimed in claim 11.